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TITLE : PRODUCTION OF RESIN POWDER AND RESIN POWDER

ABSTRACT : PROBLEM TO BE SOLVED: To provide a method for efficiently producing a resin powder excellent in water redispersibility and useful as a film surface-treating agent or the like while preventing fusion of particles with each other and adhesion of the resin to a wall surface of a drying room by drying a synthetic resin aqueous emulsion by a pulse shock wave dryer.

SOLUTION: A synthetic resin aqueous emulsion [e.g. the one containing 1-30 wt.% protection colloid which is a formalin-condensate of a polyvinyl alcohol or a melaminesulfonic acid salt in the solid amount of the resin and obtained by emulsion polymerization, concretely an aqueous emulsion of an acrylic (styrene) resin, a vinyl acetate resin or an ethylene-vinyl acetate resin, a styrene-butadiene rubber latex or the like] is dried by a pulse shock wave dryer, preferably while controlling the temperature in the drying room so as to be 40-80°C to dry and powder the emulsion, in the method for producing a resin powder.

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